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CANNON

CA-COM Industrial Connectors

ITT

ENGINEERED FOR LIFE

ITT Corporation

ITT is a diversified leading manufacturer of highly engineered critical components and customized technology solutions for the energy, transportation and industrial markets. Building on its heritage of innovation, ITT partners with its customers to deliver enduring solutions to the key industries that underpin our modern way of life. Founded in 1920, ITT is headquartered in White Plains, N.Y., with employees in more than 35 countries and sales in a total of approximately 125 countries. The company generated 2012 revenues of $ 2.2 billion. For more information, visit www.itt.com.

Our connector portfolio remains the most extensive in the industry, offering a reliable and cost effective range of interconnect solutions with the brands of Cannon, VEAM and BIW Connector Systems. Continuous investment in technology and research & development have enabled ITT to provide new, innovative products and solutions to markets including:

Our connector portfolio remains the most extensive

in the industry, offering a reliable and cost effective range of interconnect solutions

Introduction to CA-COM

ITT Cannon's circular connector's series CA-COM and CA-COM-B are derivations of the connectors know as SAE-AS50151 (formerly MIL-DTL-5015) and VG95234. Initially designed for military aircraft and combat vehicle application the CA-COM versions have been modified especially for the utilization in various industrial areas.
Connectors of both CA-COM series are intermateable and interchangeable with the corresponding types as per SAE-AS50151 and VG95234 as they offer the same mounting dimensions and contact arrangements. The entire CA-COM connector line is ROHS compliant.

Features and benefits

- The CA-COM standard version is featured by a threaded coupling system while the CA-COM-B types are coined by a "Reverse bayonet" coupling mechanism that offers exceptional vibration protection by a simple 120° turn. The CA-COM-B coupling unit is featured by roller bolts made of stainless steel rolling down the mating ramp, thus reducing coupling torque.
- Various backshell and adapter options, like PG metric gland and heatshrink boot are available amongst others.
- Insulators are made of high quality polychloroprene, which are good for temperatures up to 125°. This material is self-extinguishing, resistant against various fluids like gasoline, lubricants and other fluids of such nature (short time wetting only). In case of lifetime moistening FKM insulator material can be offered as an alternative.
- The contacts are made of copper alloy plated with hard silver finish good for at least 500 mating cycles. There are solder, crimp and PCB contacts in place. The crimp contacts offer a comprehensive range of termination reductions (see pages 41 and 42).
- All solder contacts are ROHS compliant due to a special passivation.

Contact us for detail or your request for a customized solution.

Vital Information:
2d and 3d drawings, connector spec's. are avilable on the ITT web page www.ittcannon.com.
Please insert the full connector part number into the keyword search field.

Table of contents

How to use

This catalog is split in several sections that help you to

- Get an impression what this product is all about (Introduction)
- Get a general overview of all product lines (product overview)
- Get all required detail information (contact arrangements, product details)
- Get all required supporting products (accessories and tooling)

The fastest way to find your product of choice is to follow these steps

1 **Select your product** using either the "part number creation" or the "ordering reference" option

2 **Use the detail pages** to better understand the available options like connector styles, contact arrangements and contacts options

3 **Add accessories and tooling options** on the related pages. A connector assembly instruction is available upon request or visit www.ittcannon.com:
Enter Keyword "CA Bayonet Assembly Instruction"

4 **Use the contact information** on the back cover to contact us for further questions or to get advise on where you can purchase our products

Product overview

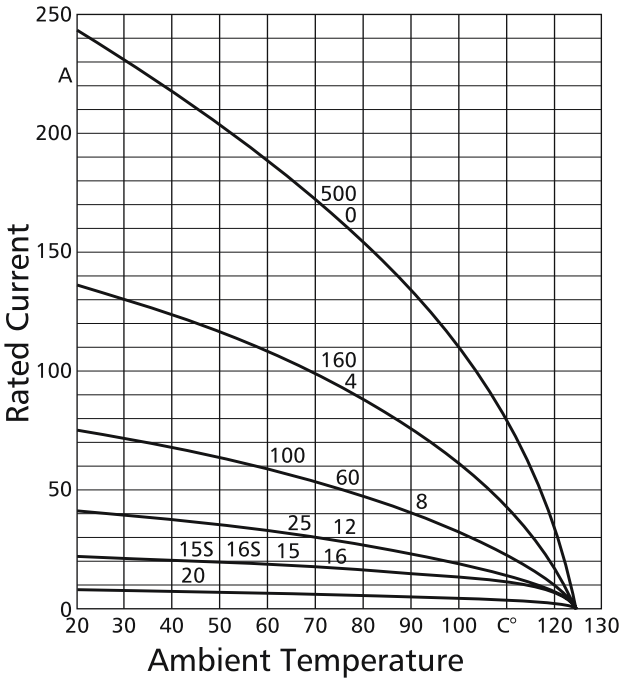
ELECTRICAL DATA

Contact Rating at 20°C (68°F), ambient temperature

Contact size (AWG/metric)	Rated Current ($A_{max.}$) [1]
16S/15S	22
16/15	22
12	41
8/60/100	74
4/160	135
0/500	245

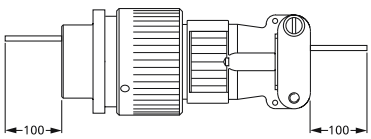
[1] This applies only to the max. rated current for one contact. If several contacts in one contact arrangement are loaded with higher current the temperature may not exceed 125°C

Rated Current vs. Ambient Temperature



Contacts Resistance (Millivolt test)

Contact size (AWG/metric)	Contact resistance mΩ max.
16S/15S	6,0
16/15	6,0
12/25	3,0
8/100	1,0
4/160	0,3
0/500	0,2



Insulation Resistance ≥1000 MΩ

Air and Creepage Path (min.)

Voltage class	Instr.	A	D
Air path, mm	0,7	1,1	2,8
Creepage path, mm	0,7	1,1	2,8

Operation Voltage

As according to specification these connectors are suitable for an operating voltage of 50 V_{rms} (see Product safety information). However, this is only valid when the connectors are freely accessible during operation and consequently might be touchable.

Test voltage

Service rating	Test voltage Vrms
Instruments	1050
A	2000
B	4500
D	2500
E	3500

MECHANICAL FEATURES

Ambient temperature

–55/125°C (–67/257°F)

ENVIRONMENTAL SEALING Acc. to DIN EN 60068-1

Threaded: Up to IP 65 (in mated condition)

Bayonet: Up to IP 67 (in mated condition)

Mating Cycles min. 500

Min. Separating Force per Contact

Contact size metric	Contact size AWG	Separating force N min
15S/15	16S/16	1,0
25	12	1,5
60/100	8	3,0
160	4	4,0
500	0	8,5

Contact Retention Apply test force in mating direction

Contact size metric	Contact size AWG	Test force N
15S/15	16S/16	35
25	12	55
60/100	8	80
160	4	90
500	0	95

Coupling Torque

The admissible coupling torque has to be tested under harnessed condition

Shell size	Admissible torque Closing and opening (Nm_{max}) CA-COM	Closing and opening (Nm_{max}) CA-COM-B	Opening (Nm_{min})
10SL	3,0	1,7	0,15
12S	2,8	2,5	0,23
14S	5,9	3,6	0,35
16S/16	7,0	5,5	0,46
18	8,0	8,0	0,58
20	9,0	9,0	0,70
22	10,6	11,0	0,80
24	12,9	14,0	0,80
28	16,7	17,0	0,92
32	18,1	19,0	1,02
36	23,9	23,0	1,05

Materials

Shell	Aluminum alloy, Zinc die cast, nickel plated
Contacts	Copper alloy, silver plated
Insulator/Grommet	Polychloroprene

Dimensions shown in mm | Specifications and dimensions subject to change

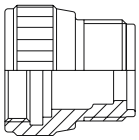
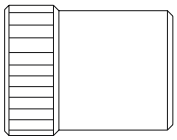
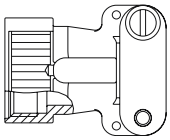
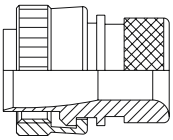
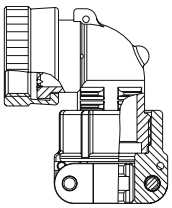
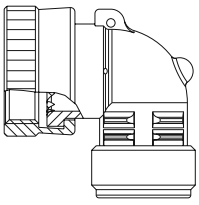
Part number creation **plug**

Follow these steps to design your connector part number.

STEP 1 Select shell style (plug)

Shell Style	Straight Plug		Plug 90°	
	Bayonet	**Threaded**	**Bayonet**	**Threaded**
				
	CA06COM-B	CA06COM	CA08COM-B	CA08COM

STEP 2 Choose backshell

Class F For Flex tube	**Class PG; ME** For PG or Metric cable glands	**Class E** General duty, strain relief	**Class E** Environmental, grommet seal, heat shrink boot adapter Mod. -03; -06 (bayonet), Mod. DN (threaded)	**Class E, 90°** General duty, strain relief	**Class F, 90°** For Flex tube
					

STEP 3 Choose layout	see page 11–14 for layouts
STEP 4 Choose gender	P=pin S=socket
STEP 5 Choose rotation	see page 15 for rotation (omit for normal position)
STEP 6 Choose modification	see page 10 for modifications

Design your part number as per above steps

CA-COM-B Example	**STEP 1** Shell style	**STEP 2** Class/Backshell	**STEP 3** Contact arrangement	**STEP 4** Contact gender	**STEP 5** Insulation rotation	**STEP 6** Mod code (max. 4 codes)
	CA06COM	E	20–27	S	W	B – 02

CA-COM Example	**STEP 1** Shell style	**STEP 2** Class/Backshell	**STEP 3** Contact arrangement	**STEP 4** Contact gender	**STEP 5** Insulation rotation	**STEP 6** Mod code (max. 4 codes)
	CA06COM	E	20–27	S	W	– 01 – DN

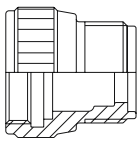
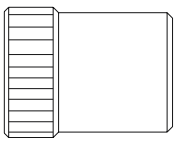
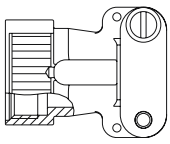
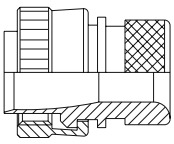
Part number creation **receptacle**

Follow these steps to design your connector part number.

STEP 1 Select shell style (receptacle)

Wall Mounting		Cable connecting		Box Mounting	
Bayonet	**Threaded**	**Bayonet**	**Threaded**	**Bayonet and Threaded** (no backshell)	
					
CA00COM-B	CA00COM	CA01COM-B	CA01COM	CA02COM-B	CA20COM

STEP 2 Choose backshell

Class F	**Class PG; ME**	**Class E**	**Class E**
For Flex tube	Grommet seal with strain relief	General duty, strain relief	Environmental, grommet seal, heat shrink boot adapter Mod. -03; -06 (bayonet), Mod. DN (treaded)
			

STEP 3 Choose layout	see page 11–14 for layouts
STEP 4 Choose gender	P=pin S=socket
STEP 5 Choose rotation	see page 15 for rotation (omit for normal position)
STEP 6 Choose modification	see page 10 for modifications

Design your part number as per above steps

CA-COM-B Example	**STEP 1** Shell style	**STEP 2** Class/Backshell	**STEP 3** Contact arrangement	**STEP 4** Contact gender	**STEP 5** Insulation rotation	**STEP 6** Mod code (max. 4 codes)
	CA00COM	PG	18–1	P	X	B – 01

CA-COM Example	**STEP 1** Shell style	**STEP 2** Class/Backshell	**STEP 3** Contact arrangement	**STEP 4** Contact gender	**STEP 5** Insulation rotation	**STEP 6** Mod code (max. 4 codes)
	CA00COM	ME	22–23	S	Y	

Dimensions shown in mm | Specifications and dimensions subject to change

Ordering reference

Part number explanation

CA 06 COM-E 18-1 P W B- XX

Series CA – Cannon Designation

Shell type	
00 – Wall mounting receptacle	see page 18 –21
01 – cable connecting plug	see page 22 –25
02 – Box mounting receptacle	see page 26+28
20 – Box mounting receptacle, rear mounting	see page 27+29
06 – Plug, straight	see page 30 –33
08 – Plug, 90°	see page 34 –36

Class
COM-E – Endbell with cable clamp[1]
COM-F – Endbell for flex tube
COM-PG – Adapter for PG-termination
COM-ME – Adapter for Metric-termination
COM-L – PCB solder termination

Shell size
10SL, 12S, 14S, 16, 16S, 18, 20, 22, 24, 28, 32, 36

Contact arrangement	see page 11 –15

Contact type
P – pin
S – socket

Alternate insert position	see page 14
Insulator rotation	

Coupling
B – Bayonet coupling (without designation = threaded coupling)

Modification
01 – Metric crimp contacts
03 – Adapter for heat shrink boots and metric crimp contacts (bayonet coupling only)
06 – Adapter for heat shrink boots and solder pot contacts (bayonet coupling only)
44 – With endring and grommet (individual wire sealing, Class E and F only)
48 – F endbell with O-Ring
BM29 – Threaded flange holes, shell styles 02, 20 and 00 (threaded coupling only)
DN – Adapter for heat shrink boots (threaded coupling only)
F0 – Without contacts (to be ordered separately)

[1] except shell style 02/20

CONTACT ARRANGEMENTS

Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position W	 X	 Y	 Z
	3	**10SL-3** 15S	A	–	–	–	–
	2	**10SL-4** 15S	A	–	–	–	–
	4	**12SA-10** 15S	A	–	–	–	–
	3	**14S-1** 15S	A	–	–	–	–
	4	**14S-2** 15S	Inst.	–	120	240	–
	5	**14S-5** 15S	Inst.	–	110	–	–
	6	**14S-6** 15S	Inst.	–	–	–	–
	3	**14S-7** 15S	A	90	180	270	–
	7	**14SA7** 15S	Inst.	–	–	–	–
	7	**16S-1** 15S	A	80	–	–	280
	5	**16S-8** 15S	A	–	170	265	–
	3 2 1	**16-7** 15 (A, B) 8 (C)	A	80	110	250	280
	4 2 2	**16-9** 15 (B, D) 25 (A, C)	A	35	110	250	325
	3	**16-10** 25	A	90	180	270	–
	1	**16-12** 4	A	0	–	–	–
	10	**18-1** 15	A (B,C,F,G) Inst. (all other)	70	145	–	290
	4	**18-4** 15	D	35	110	250	325

CONTACT ARRANGEMENTS

Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position W	 X	 Y	 Z
	7 5 2	**18-9** 15 (B, C, E – G) 25 (A, D)	Inst.	80	110	250	280
	4	**18-10** 25	A	–	120	240	–
	5	**18-11** 25	A	–	170	265	–
	4 3 1	**18-13** 25 (B, C) 8 (A)	A	80	110	250	280
	1	**20-2** 0	D	–	–	–	–
	4	**20-4** 25	D	45	110	250	–
	8	**20-7** 15	A (C-F) D (A, B, G, H)	80	110	250	280
	6 4 2	**20-8** 15 (B, C, E, F) 8 (A, D)	Inst.	80	110	250	280
	9	**20A9** 25	D (J) A (all other)	–	110	250	–
	19	**20A48** 15	Inst.	–	80	280	–
	7	**20-15** 25	A	80	–	–	280
	9 7 2	**20-16** 15 (A – G) 25 (H, I)	A	80	110	250	280
	3	**20-19** 8	A	90	180	270	–
	14	**20-27** 15	A	35	110	250	325
	17	**20-29** 15	A	80	–	–	280
	11	**20-33** 15	A	–	–	–	–
	5 3 2	**22-12** 15 (A, C, D) 8 (B, E)	D	80	110	250	280

CONTACT ARRANGEMENTS

Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position W	X	Y	Z	Special insulator position
	19	**22-14** 15	A	80	–	–	280	
	14	**22-19** 15	A	80	110	250	280	
	4	**22-22** 8	A	–	110	250	–	
	8	**22-23** 25	D (H) A (all other)	35	–	250	–	
	7	**24-2** 25	D	80	–	–	280	
	16 14 2	**24-7** 15 (A-M,O) 25 (P,N)	Inst.	80	110	250	280	
	7	**24-10** 8	A	80	–	–	280	
	9 6 3	**24-11** 25 (A–C, G–I) 8 (D. F)	A	35	110	250	325	
	11 9 2	**24-20** 15 (A–D, G L) 25 (E, F)	A	80	110	250	280	
	4	**24-22** 8	D	45	110	250	–	
	24	**24-28** 15	Inst.	80	110	250	280	
	22 18 4	**28-11** 15 (A–I, N–X) 25 (J–M)	A	80	110	250	280	
	26	**28-12** 15	A	90	180	270	–	
	35	**28-15** 15	A	80	110	250	280	
	14 4 10	**28-20** 15 (K–N) 25 (A–J, P)	A	80	110	250	280	
	37	**28-21** 15	A	80	110	250	280	
	9 5 4	**28A16** 16 4	Inst.	–	–	–	–	2 260 4 110 9 250 12 280

CONTACT ARRANGEMENTS

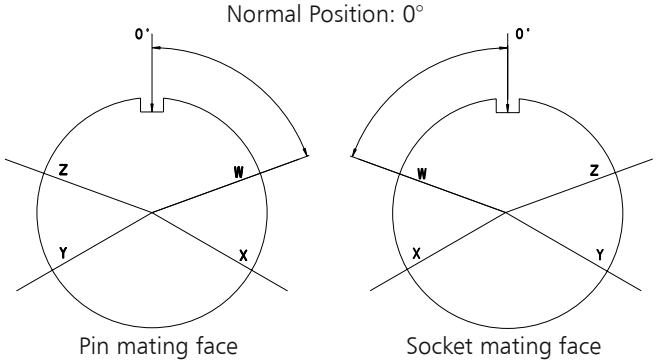
Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position W	 X	 Y	 Z
	28 19 9	**28A63** 15 25	A (e) Inst. (all other)	–	–	–	–
	5 3 2	**32-1** 12 (A, C, D) 0 (B, E)	E (A) D (all other)	80	110	250	280
	2	**32-5** 0	D	35	110	250	325
	23 16 2 3 2	**32-6** 15 (A–D, S) 25 (U, V) 8 (P–T) 4 (W, X)	A	80	110	250	280
	35 28 7	**32-7** 15 (A–N, W, Z, a, k) 25 (O–V)	Inst. (A, B, h, i) A (all other)	80	125	235	280
	55 55	**32A55** 15	A	80	110	250	280
	4	**32-17** 4	D	45	110	250	–
	61 41 20	**32A69** 20 15	Inst.	–	110	250	–
	4	**36-5** 0	A	–	120	240	–
	48	**36-10** 15	A	80	125	235	280

ALTERNATE INSERT POSITION

Indicates location of centerline of key or keyway of shells in fixed normal position. Insert is rotated as shown by arrow and letters.

Tolerances:
Pin insulator 10SL-20: ±2,0°
Pin insulator 22-36: ±1,5°

Normal Position: 0°



Pin mating face

Socket mating face

CONTACT ARRANGEMENTS

Contact count per contact arrangement

On pages 11–14 the contact arrangements are shown by shell sizes. The table below gives an overview on the number of contacts, contact size and per contact arrangement.

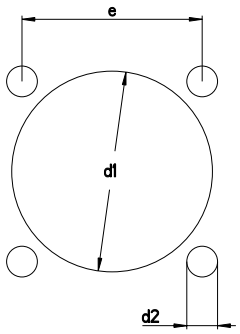
Contact Arrangement	No. of Contacts	Contact Size						
		10	15S	15	25	8	4	0
16-12	1						1	
20-2	1							1
10SL-4	2		2					
32-5	2							2
10SL-3	3		3					
14S-1	3		3					
14S-7	3		3					
16-7	3			2		1		
16-10	3				3			
20-19	3					3		
12SA10	4		4					
14S-2	4		4					
16-9	4			2	2			
18-4	4			4				
18-10	4				4			
18-13	4				3	1		
20-4	4				4			
22-22	4					4		
24-22	4					4		
32-17	4						4	
36-5	4							4
14S-5	5		5					
16S-8	5		5					
18-11	5				5			
22-12	5			3		2		
32-1	5				3			2
14S-6	6		6					
20-8	6			4		2		
14SA7	7		7					
16S-1	7		7					
18-9	7			5	2			
20-15	7				7			
24-2	7				7			
24-10	7					7		
20-7	8			8				
22-23	8				8			

Contact Arrangement	No. of Contacts	Contact Size						
		10	15S	15	25	8	4	0
20A9	9				9			
20-16	9			7	2			
24-11	9				6	3		
28A16	9			5			4	
18-1	10			10				
20-33	11			11				
24-20	11			9	2			
20-27	14			14				
22-19	14			14				
28-20	14			4	10			
24-7	16			14	2			
20-29	17			17				
20A48	19			19				
22-14	19			19				
28-11	22			18	4			
32-6	23			16	2	3	2	
24-28	24			24				
28-12	26			26				
28A63	28			19	9			
28-15	35			35				
32-7	35			28	7			
28-21	37			37				
36-10	48			48				
32A55	55			55				
32A69	61	41		20				

MOUNTING HOLES

Shell size	CA-COM Threaded				CA-COM-Bayonet		
	d1 H12 CA00… , CA20…	d1 H12 CA02…	d2 H13	e	d1 H12 CA00… , CA20…	d1 H12 CA02…	d2 H13
10SL	16,0	16,4	3,4	18,2	19,1	17,0	3,4
12S	19,1	16,4	3,4	20,6	22,0	17,0	3,4
14S	22,3	19,7	3,4	23,0	25,5	20,0	3,4
16S/16	25,5	22,9	3,4	24,6	28,3	23,0	3,4
18	28,7	26,1	3,4	27,0	31,7	26,5	3,4
20	31,8	29,5	3,4	29,4	35,0	30,0	3,4
22	35,0	32,7	3,4	31,8	38,3	33,0	3,4
24	38,2	36,0	3,9	34,9	41,8	36,0	3,9
28	44,5	42,0	3,9	39,7	47,6	42,0	3,9
32	50,9	48,3	4,5	44,5	54,3	48,5	4,5
36	57,2	53,1	4,5	49,2	60,5	55,0	4,5

Mounting holes for connectors styles, complete receptacle range



HARNESSING

CA-COM connectors are designed for single wire harnessing, if an individual wire sealing grommet is used. Wires have to conform to wire and insulation diameters with the data given in the following table:

Contact size		Crimp/solder contacts		Insulation Ø	
AWG	metric mm	AWG	metric mm^2	AWG	metric mm
–	10	–	0,75-1,0	–	1,45-2,5
16S/15S	16/15	16	0,75-1,5	1,6-2,8	1,60-2,8
12	25	12	2,5	2,9-3,5	2,9-3,5
–	60	–	6,0	–	3,5-4,9
8	100	8	10,0	4,2-5,8	5,5-6,5
4	160	4	16,0	6,2-9,0	7,1-9,0
0	500	0	50,0	10,5-13,0	10,5-13,0

WIRE STRIPPING

Either mechanical or hot stripping can be used. Prevent conductors or insulators damage. For solder contacts, conductors have to be pretinned.

Note: Do not twist conductors used with crimp contacts. Do not touch uninsulated conductors before crimping, twisting of conductors and grease or lubricants on the wires cause poor crimp quality.

Contact size		Stripping length
AWG	metric	mm
–	10	4,0 + 0,4
16S/15S	16/15	6,0 + 0,5
12	25	6,0 + 0,5
8	60/100	11,0 + 0,8 – 0,4
4	160	11,0 + 0,8 – 0,4
0	500	13,0 + 0,8 – 0,4

WIRING HINTS

Strip wires carefully. Do not damage conductors and insulation. For solder connections, wires have to be pretinned.
Do not twist conductors used in crimp contacts, otherwise no perfect crimp connection will be achieved. Do not touch conductors before crimping. Film of grease or lubricants on the strands will cause poor crimp quality.

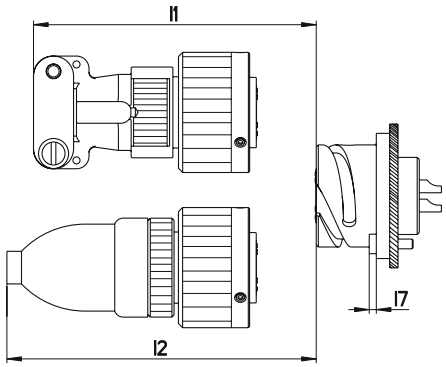
For detailled assembly instructions please visit www.ittcannon.com and search for the keyword "CA Bayonet Assembly Instruction".

SEPARATING AND COUPLING DIMENSIONS

PLUG
CA06COM-E
CA06COM-E-B

CA06COM-E-DN
CA06COM-E-B-03/-06

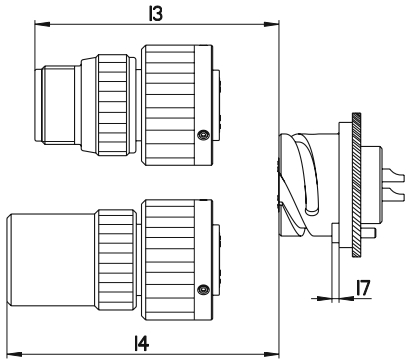
RECEPTACLE
CA02COM-E
CA02COM-E-B



PLUG
CA06COM-F
CA06COM-F-B

CA06COM-PG
CA06COM-PG-B

RECEPTACLE
CA02COM-E
CA02COM-E-B

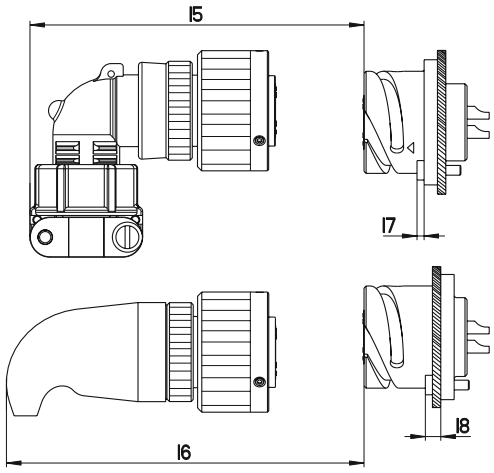


PLUG
CA08COM-E
CA08COM-E-B

CA06COM-E-DN
CA006COM-E-B

RECEPTACLE
CA02COM-E
CA20COM-E

CA02COM-E-B
CA20COM-E-B

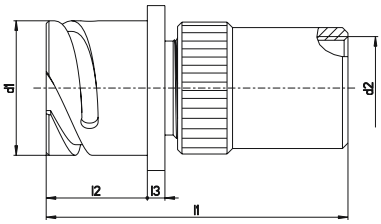


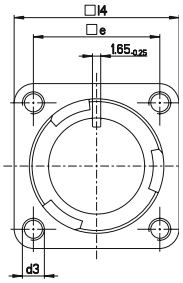
Shell size	l1	l2	l3	l4	l5	l6	l7	l8
	min	min	min	min	min	min	max	max
10SL	70	70	65	80	70	65	3,5	8,0
12S	70	75	65	80	75	70	3,5	8,0
14S	70	75	65	80	75	80	3,5	8,0
16S	70	90	65	80	80	80	3,5	8,0
16	80	100	70	100	90	100	3,5	8,0
18	90	100	70	110	95	110	3,5	8,0
20	90	100	70	110	95	110	3,5	8,0
22	90	100	70	110	95	110	3,5	8,0
24	110	120	90	120	105	120	5,0	8,0
28	110	120	90	120	105	120	5,0	9,0
32	110	180	90	120	115	120	6,0	9,0
36	110	190	100	130	120	130	6,0	9,0

Dimensions shown in mm | Specifications and dimensions subject to change

CA00COM-PG-B with bayonet coupling, CA00COM-ME-B

CA00COM-PG/ ME-B is a wall mounting receptacle for usage of PG or Metric glands. It mates with plugs CA06COM-B and CA08COM-B

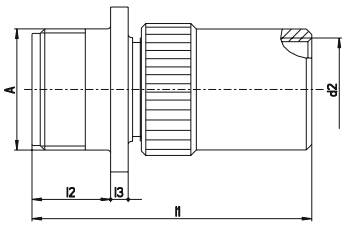


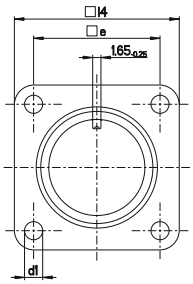


Part No. (pin insert*)		d1	d2		d3	l1	l2	l3	l4	e
		−0,15	PG-Thread	Metric	Thread	max	+0,4	+0,2	±0,3	±0,1
CA00COM-PG10SL-*P-B-***	CA00COM-ME10SL-**P-B-***	18,2	PG9	M16×1,5	M4	56	18,20	2,8	25,4	18,2
CA00COM-PG12S-**P-B-***	CA00COM-ME12S-**P-B-***	21,4	PG9	M16 ×1,5	M4	56	18,20	3,2	28,0	20,6
CA00COM-PG14S-**P-B-***	CA00COM-ME14S-**P-B-***	24,6	PG11	M20 ×1,5	M4	56	18,20	3,2	30,0	23,0
CA00COM-PG16S-*P-B-***	CA00COM-ME16S-**P-B-***	27,4	PG13,5	M20 ×1,5	M4	58	18,20	3,2	32,5	24,6
CA00COM-PG16-**P-B-***	CA00COM-ME16-**P-B-***	27,4	PG13,5	M20 ×1,5	M4	66	23,05	3,2	32,5	24,6
CA00COM-PG18-**P-B-***	CA00COM-ME18-**P-B-***	30,8	PG13,5	M25 ×1,5	M4	73	23,05	4,0	35,0	27,0
CA00COM-PG20-**P-B-***	CA00COM-ME20-**P-B-***	34,2	PG16	M25 ×1,5	M4	74,	23,05	4,0	38,0	29,4
CA00COM-PG22-**P-B-***	CA00COM-ME22-**P-B-***	37,4	PG16	M32 ×1,5	M4	77	23,05	4,0	41,0	31,8
CA00COM-PG24-**P-B-***	CA00COM-ME24-**P-B-***	40,9	PG16	M32 ×1,5	M4	77	23,05	4,0	44,5	34,9
CA00COM-PG28-**P-B-***	CA00COM-ME28-**P-B-***	46,7	PG21	M32 ×1,5	M5	78	24,05	4,0	50,8	39,7
CA00COM-PG32-**P-B-***	CA00COM-ME32-**P-B-***	53,4	PG29	M40 ×1,5	M5	78	24,05	4,0	57,0	44,5
CA00COM-PG36-**P-B-***	CA00COM-ME36-**P-B-***	59,6	PG29	M40 ×1,5	M5	89	24,05	4,0	63,5	49,2

CA00COM-PG with threaded coupling, CA00COM-ME

CA00COM-PG / ME is a wall mounting receptacle for usage of PG or metric glands. It mates with plugs CA06COM and CA08COM



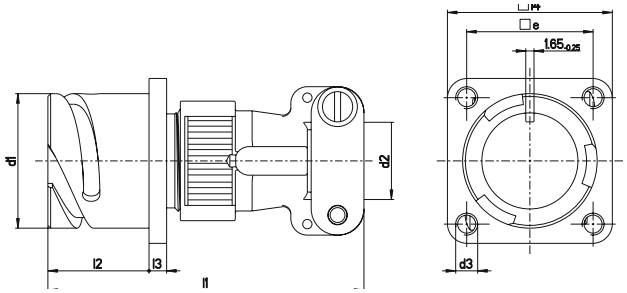


Part No. (pin insert*)		A	d1	d2		l1	l2	l3	l4	e
		Thread	+0,2/−0,1	PG-Thread	Metric	max	+0,4	±0,3	±0,3	±0,1
CA00COM-PG10SL-*P-***	CA00COM-ME10SL-**P-***	5/8-24UNEF-2A	3,1	PG9	M16×1,5	52	14,2	2,8	25,4	18,2
CA00COM-PG12S-**P-***	CA00COM-ME12S-**P-***	3/4-20UNEF-2A	3,1	PG9	M16×1,5	52	14,2	3,2	28,0	20,6
CA00COM-PG14S-**P-***	CA00COM-ME14S-**P-***	7/8-20UNEF-2A	3,1	PG11	M20×1,5	52	14,2	3,2	30,0	23,0
CA00COM-PG16S-*P-***	CA00COM-ME16S-**P-***	1-20UNEF-2A	3,1	PG13,5	M20×1,5	54	14,2	3,2	32,5	24,6
CA00COM-PG16-**P-***	CA00COM-ME16-**P-***	1-20UNEF-2A	3,1	PG13,5	M20×1,5	64	19,0	3,2	32,5	24,6
CA00COM-PG18-**P-***	CA00COM-ME18-**P-***	1-1/8-18UNEF-2A	3,1	PG13,5	M25×1,5	69	19,0	4,0	35,0	27,0
CA00COM-PG20-**P-***	CA00COM-ME20-**P-***	1-1/4-18UNEF-2A	3,1	PG16	M25×1,5	70	19,0	4,0	38,0	29,4
CA00COM-PG22-**P-***	CA00COM-ME22-**P-***	1-3/8-18UNEF-2A	3,1	PG16	M32×1,5	73	19,0	4,0	41,0	31,8
CA00COM-PG24-**P-***	CA00COM-ME24-**P-***	1-1/2-18UNEF-2A	3,7	PG16	M32×1,5	74	20,6	4,0	44,5	34,9
CA00COM-PG28-**P-***	CA00COM-ME28-**P-***	1-3/4-18UNEF-2A	3,7	PG21	M32×1,5	74	20,6	4,0	50,8	39,7
CA00COM-PG32-**P-***	CA00COM-ME32-**P-***	2-18UNS-2A	4,4	PG29	M40×1,5	76	22,2	4,0	57,0	44,5
CA00COM-PG36-**P-***	CA00COM-ME36-**P-***	2-1/4-16UN-2A	4,4	PG29	M40×1,5	87	22,2	4,0	63,5	49,2

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***Add modification code; see page 10 (bottom)

CA00COM-E-B with bayonet coupling

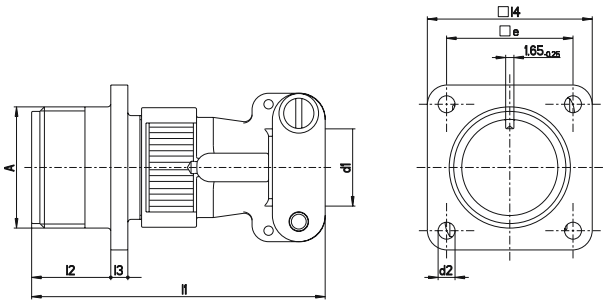
CA00COM-E-B is a wall mounting receptacle with endbell and cable clamp. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1 −0,15	d21	d3 Thread	l1 max	l2 +0,4	l3 +0,2	l4 ±0,3	e ±0,1
CA00COM-E10SL-**P-B-***	18,2	7,9	M4	57	18,20	2,8	25,4	18,2
CA00COM-E12S-**P-B-***	21,4	7,9	M4	57	18,20	3,2	28,0	20,6
CA00COM-E14S-**P-B-***	24,6	11,1	M4	59	18,20	3,2	30,0	23,0
CA00COM-E16S-**P-B-***	27,4	14,2	M4	60	18,20	3,2	32,5	24,6
CA00COM-E16-**P-B-***	27,4	14,2	M4	68	23,05	3,2	32,5	24,6
CA00COM-E18-**P-B-***	30,8	15,8	M4	72	23,05	4,0	35,0	27,0
CA00COM-E20-**P-B-***	34,2	19,0	M4	72	23,05	4,0	38,0	29,4
CA00COM-E22-**P-B-***	37,4	19,0	M4	72	23,05	4,0	41,0	31,8
CA00COM-E24-**P-B-***	40,9	23,7	M4	78	23,05	4,0	44,5	34,9
CA00COM-E28-**P-B-***	46,7	23,7	M5	79	24,05	4,0	50,8	39,7
CA00COM-E32-**P-B-***	53,4	31,8	M5	78	24,05	4,0	57,0	44,5
CA00COM-E36-**P-B-***	59,6	34,6	M5	78	24,05	4,0	63,5	49,2

CA00COM-E with threaded coupling

CA00COM-E is a wall mounting receptacle with endbell and cable clamp. It mates with plugs CA06COM and CA08COM

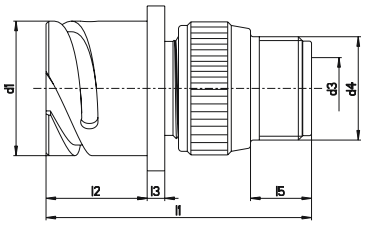


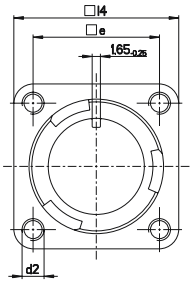
Part No. (pin insert*)	A Thread	l1 max	l2 ±0,3	l3 max	l4 +0,2/−0,1	d1[1] +0,4	d2 +0,2/−0,1	e ±0,3
CA00COM-E10SL-**P-***	5/8-24UNEF-2A	53	14,2	2,8	25,4	7,9	3,1	18,2
CA00COM-E12S-**P-***	3/4-20UNEF-2A	53	14,2	3,2	28,0	7,9	3,1	20,6
CA00COM-E14S-**P-***	7/8-20UNEF-2A	55	14,2	3,2	30,0	11,1	3,1	23,0
CA00COM-E16S-**P-***	1-20UNEF-2A	56	14,2	3,2	32,5	14,2	3,1	24,6
CA00COM-E16-**P-***	1-20UNEF-2A	66	19,0	3,2	32,5	14,2	3,1	24,6
CA00COM-E18-**P-***	1-1/8-18UNEF-2A	68	19,0	4,0	35,0	15,8	3,1	27,0
CA00COM-E20-**P-***	1-1/4-18UNEF-2A	68	19,0	4,0	38,0	19,0	3,1	29,4
CA00COM-E22-**P-***	1-3/8-18UNEF-2A	68	19,0	4,0	41,0	19,0	3,1	31,8
CA00COM-E24-**P-***	1-1/2-18UNEF-2A	76	20,6	4,0	44,5	23,7	3,7	34,9
CA00COM-E28-**P-***	1-3/4-18UNEF-2A	76	20,6	4,0	50,8	23,7	3,7	39,7
CA00COM-E32-**P-***	2-18UNS-2A	76	22,2	4,0	57,0	31,8	4,4	44,5
CA00COM-E36-**P-***	2-1/4-16UN-2A	76	22,2	4,0	63,5	34,6	4,4	49,2

* For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 *** Add modification code; see page 10 (bottom) [1]max cable dia

CA00COM-F-B with bayonet coupling

CA00COM-F-B is a wall mounting receptacle with endbell for flextubes. It mates with plugs CA06COM-B and CA08COM-B

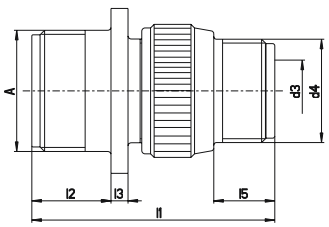


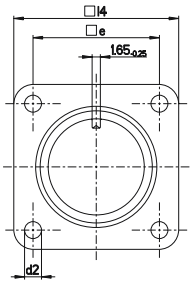


Part No. (pin insert*)	d1 −0,15	d2 Thread	d3[1)]	d4 Thread	l1 max	l2 +0,4	l3 ±0,2	l4 ±0,3	l5 min	e ±0,1
CA00COM-F10SL-**P-B-***	18,2	M4	8,2	5/8-24UNEF-2A	52	18,20	2,8	25,4	9,5	18,2
CA00COM-F12S-**P-B-***	21,4	M4	8,2	5/8-20UNEF-2A	52	18,20	3,2	28,0	9,5	20,6
CA00COM-F14S-**P-B-***	24,6	M4	11,1	3/4-20UNEF-2A	52	18,20	3,2	30,0	9,5	23,0
CA00COM-F16S-**P-B-***	27,4	M4	14,3	7/8-20UNEF-2A	59	18,20	3,2	32,5	9,5	24,6
CA00COM-F16-**P-B-***	27,4	M4	14,3	7/8-20UNEF-2A	59	23,05	3,2	32,5	9,5	24,6
CA00COM-F18-**P-B-***	30,8	M4	16,7	1-20UNEF-2A	63	23,05	4,0	35,0	9,5	27,0
CA00COM-F20-**P-B-***	34,2	M4	19,8	1-3/16-18UNEF-2A	63	23,05	4,0	38,0	9,5	29,4
CA00COM-F22-**P-B-***	37,4	M4	19,8	1-3/16-18UNEF-2A	66	23,05	4,0	41,0	9,5	31,8
CA00COM-F24-**P-B-***	40,9	M4	25,4	1-7/16-18UNEF-2A	69	23,05	4,0	44,5	9,5	34,9
CA00COM-F28-**P-B-***	46,7	M5	27,0	1-7/16-18UNEF-2A	70	24,05	4,0	50,8	9,5	39,7
CA00COM-F32-**P-B-***	53,4	M5	32,5	1-3/4-18UNS-2A	71	24,05	4,0	57,0	11,0	44,5
CA00COM-F36-**P-B-***	59,6	M5	35,7	2-18UNS-2A	73	24,05	4,0	63,5	11,8	49,2

CA00COM-F with threaded coupling

CA00COM-F is a wall mounting receptacle with endbell for flex tubes. It mates with plugs CA06COM and CA08COM



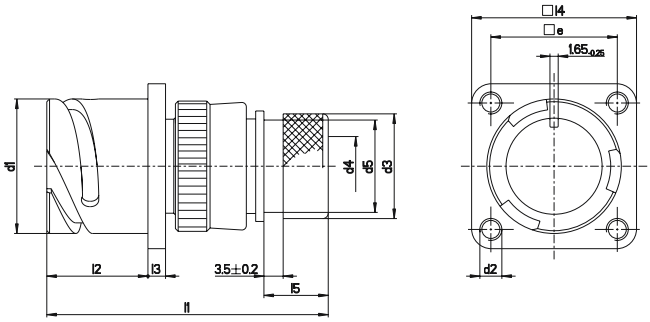


Part No. (pin insert*)	A Thread	d2 +0,2/−0,1	d3[1)]	d4 Thread	l1 max	l2 +0,4	l3 ±0,3	l4 ±0,3	l5 min	e ±0,1
CA00COM-F10SL-**P-***	5/8-24UNEF-2A	3,1	8,2	5/8-24UNEF-2A	45	14,2	2,8	25,4	9,5	18,2
CA00COM-F12S-**P-***	3/4-20UNEF-2A	3,1	8,2	5/8-20UNEF-2A	45	14,2	3,2	28,0	9,5	20,6
CA00COM-F14S-**P-***	7/8-20UNEF-2A	3,1	11,1	3/4-20UNEF-2A	45	14,2	3,2	30,0	9,5	23,0
CA00COM-F16S-**P-***	7/8-20UNEF-2A	3,1	14,3	7/8-20UNEF-2A	45	14,2	3,2	32,5	9,5	24,6
CA00COM-F16-**P-***	1-20UNEF-2A	3,1	14,3	7/8-20UNEF-2A	54	19,0	3,2	32,5	9,5	24,6
CA00COM-F18-**P-***	1-1/8-18UNEF-2A	3,1	16,7	1-20UNEF-2A	54	19,0	4,0	35,0	9,5	27,0
CA00COM-F20-**P-***	1-1/4-18UNEF-2A	3,1	19,8	1-3/16-18UNEF-2A	55	19,0	4,0	38,0	9,5	29,4
CA00COM-F22-**P-***	1-3/8-18UNEF-2A	3,1	19,8	1-3/16-18UNEF-2A	58	19,0	4,0	41,0	9,5	31,8
CA00COM-F24-**P-***	1-1/2-18UNEF-2A	3,7	25,4	1-7/16-18UNEF-2A	59	20,6	4,0	44,5	9,5	34,9
CA00COM-F28-**P-***	1-3/4-18UNEF-2A	3,7	27,0	1-7/16-18UNEF-2A	60	20,6	4,0	50,8	9,5	39,7
CA00COM-F32-**P-***	2-18UNS-2A	4,4	32,5	1-3/4-18UNS-2A	62	22,2	4,0	57,0	11,0	44,5
CA00COM-F36-**P-***	2-1/4-16UN-2A	4,4	35,7	2-18UNS-2A	64	22,2	4,0	63,5	11,8	49,2

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***Add modification code; see page 10 (bottom) [1)]max cable dia

CA00COM-E-B/-03/-06 with bayonet coupling

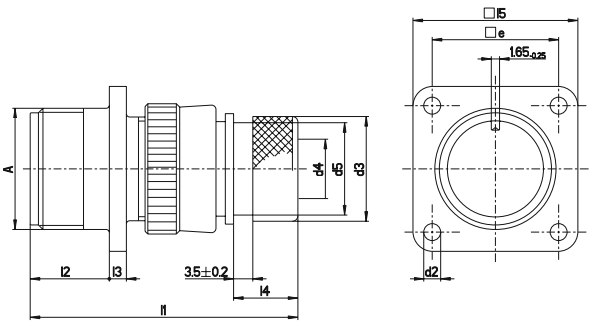
CA00COM-E-B/-03/-06 is a wall mounting receptacle (wire sealing) for heat shrink boots. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1 −0,15	d2 Thread	d3 ± 0,2	d4[1)]	d5 max	l1 max	l2 + 0,4	l3 ± 0,3	l4 ± 0,3	l5 ± 0,5	e ± 0,1
CA00COM-E10SL-**P-B-***	18,2	M4	15,5	7,7	13,3	53	18,20	2,8	25,4	11,7	18,2
CA00COM-E12S-**P-B-***	21,4	M4	15,5	7,9	13,3	53	18,20	3,2	28,0	11,7	20,6
CA00COM-E14S-**P-B-***	24,6	M4	19,1	10,6	17,0	53	18,20	3,2	30,0	11,7	23,0
CA00COM-E16S-**P-B-***	27,4	M4	23,9	13,5	21,9	53	18,20	3,2	32,5	11,7	24,6
CA00COM-E16-**P-B-***	27,4	M4	23,9	13,5	21,9	61	23,05	3,2	32,5	11,5	24,6
CA00COM-E18-**P-B-***	30,8	M4	23,9	14,6	21,9	62	23,05	4,0	35,0	11,5	27,0
CA00COM-E20-**P-B-***	34,2	M4	29,6	14,6	26,2	64	23,05	4,0	38,0	12,7	29,4
CA00COM-E22-**P-B-***	37,4	M4	29,6	20,8	26,2	64	23,05	4,0	41,0	12,7	31,8
CA00COM-E24-**P-B-***	40,9	M4	37,8	24,6	34,5	64	23,05	4,0	44,5	12,7	34,9
CA00COM-E28-**P-B-***	46,7	M5	37,8	27,0	34,5	66	24,05	4,0	50,8	12,7	39,7
CA00COM-E32-**P-B-***	53,4	M5	47,8	33,3	43,6	69	24,05	4,0	57,0	15,2	44,5
CA00COM-E36-**P-B-***	59,6	M5	47,8	38,5	43,6	70	24,05	4,0	63,5	15,2	49,2

CA00COM-E-DN with threaded coupling

CA00COM-E-DN is a wall mounting receptacle with endbell (wire sealing) for heat shrink boots. It mates with plugs CA06COM and CA08COM

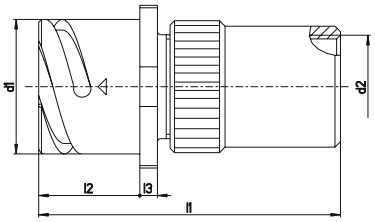


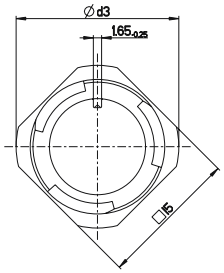
Part No. (pin insert*)	A Thread	d2 +0,2/−0,1	d3 ± 0,2	d4[1)]	d5 max	l1 max	l2 + 0,4	l3 ± 0,3	l4 ± 0,5	l5 ± 0,3	e ± 0,1
CA00COM-E10SL-**P-DN	5/8-24UNEF-2A	3,1	15,5	7,7	13,3	49,0	14,2	2,8	11,7	25,4	18,2
CA00COM-E12S-**P-DN	3/4-20UNEF-2A	3,1	15,5	7,9	13,3	49,0	14,2	3,2	11,7	28,0	20,6
CA00COM-E14S-**P-DN	7/8-20UNEF-2A	3,1	19,1	10,6	17,0	49,0	14,2	3,2	11,7	30,0	23,0
CA00COM-E16S-**P-DN	1-20UNEF-2A	3,1	23,9	13,5	21,9	49,0	14,2	3,2	11,7	32,5	24,6
CA00COM-E16-**P-DN	1-20UNEF-2A	3,1	23,9	13,5	21,9	58,0	19,0	3,2	11,5	32,5	24,6
CA00COM-E18-**P-DN	1-1/8-18UNEF-2A	3,1	23,9	14,6	21,9	58,0	19,0	4,0	11,5	35,0	27,0
CA00COM-E20-**P-DN	1-1/4-18UNEF-2A	3,1	23,9	14,6	26,2	60,0	19,0	4,0	12,7	35,0	27,0
CA00COM-E22-**P-DN	1-3/8-18UNEF-2A	3,1	29,6	20,8	26,2	60,0	19,0	4,0	12,7	41,0	31,8
CA00COM-E24-**P-DN	1-1/2-18UNEF-2A	3,7	37,8	24,6	34,5	63,0	20,6	4,0	12,7	44,5	34,9
CA00COM-E28-**P-DN	1-3/4-18UNEF-2A	3,7	37,8	27,0	34,5	63,0	20,6	4,0	12,7	50,8	39,7
CA00COM-E32-**P-DN	2-18UNS-2A	4,4	47,8	33,3	43,6	67,0	22,2	4,0	15,2	57,0	44,5
CA00COM-E36-**P-DN	2-1/4-16UN-2A	4,4	47,8	38,5	43,6	68,0	22,2	4,0	15,2	63,5	49,2

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***-03: with metric crimp contacts/-06: with solder pot contacts [1)]max cable dia

CA01COM-PG-B with bayonet coupling, CA01COM-ME-B

CA01COM-PG/ME-B is a cable connecting plug for usage of PG or metric glands. It mates with plugs CA06COM-B and CA08COM-B

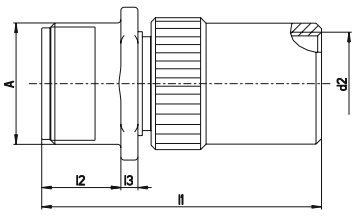


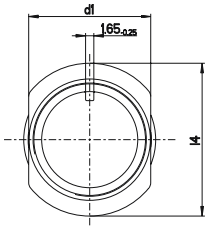


Part No. PG (pin insert*)	Part No. ME (pin insert*)	d1	d2		d3	l1	l2	l3	l5
		−0,15	PG-Thread	Metric	max	max	+ 0,4	+ 0,2	± 0,2
CA01COM-PG10SL-**P-B-***	CA01COM-ME10SL-**P-B-***	18,2	PG9	M16 × 1,5	25,2	56	18,2	2,8	20,6
CA01COM-PG12S-**P-B-***	CA01COM-ME12S-**P-B-***	21,4	PG9	M16 × 1,5	27,8	56	18,20	3,2	23,8
CA01COM-PG14S-**P-B-***	CA01COM-ME14S-**P-B-***	24,6	PG11	M20 × 1,5	29,8	56	18,20	3,2	25,4
CA01COM-PG16S-**P-B-***	CA01COM-ME16S-**P-B-***	27,4	PG13,5	M20 × 1,5	32,3	58	18,20	3,2	28,6
CA01COM-PG16-**P-B-***	CA01COM-ME16-**P-B-***	27,4	PG13,5	M20 × 1,5	32,3	66	23,05	3,2	28,6
CA01COM-PG18-**P-B-***	CA01COM-ME18-**P-B-***	30,8	PG13,5	M25 × 1,5	34,8	73	23,05	4,0	31,7
CA01COM-PG20-**P-B-***	CA01COM-ME20-**P-B-***	34,2	PG16	M25 × 1,5	37,8	74	23,05	4,0	34,9
CA01COM-PG22-**P-B-***	CA01COM-ME22-**P-B-***	37,4	PG16	M32 × 1,5	41,1	77	23,05	4,0	38,1
CA01COM-PG24-**P-B-***	CA01COM-ME24-**P-B-***	40,9	PG16	M32 × 1,5	44,6	77	23,05	4,0	41,3
CA01COM-PG28-**P-B-***	CA01COM-ME28-**P-B-***	46,7	PG21	M32 × 1,5	50,9	78	24,05	4,0	47,6
CA01COM-PG32-**P-B-***	CA01COM-ME32-**P-B-***	53,4	PG29	M40 × 1,5	57,1	78	24,05	4,0	54,0
CA01COM-PG36-**P-B-***	CA01COM-ME36-**P-B-***	59,6	PG29	M40 × 1,5	63,6	89	24,05	4,0	60,6

CA01COM-PG with threaded coupling

CA01COM-PG/ME is a cable connecting plug for usage of PG or metric glands. It mates with plugs CA06COM and CA08COM



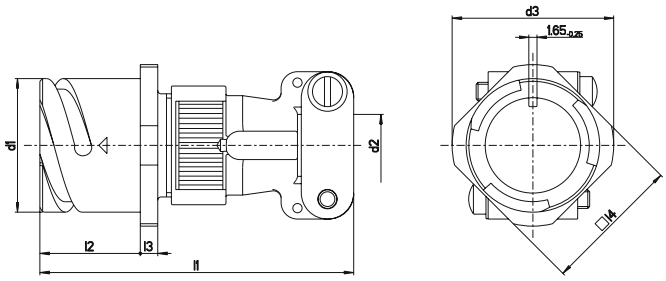


Part No. PG (pin insert*)	Part No. ME (pin insert*)	A	d1	d2		l1	l2	l3	l4
		Thread	max	PG-Thread	Metric	max	+ 0,4	± 0,3	max
CA01COM-PG10SL-**P-***	CA01COM-ME10SL-**P-***	5/8-24UNEF-2A	16,2	PG9	M16 × 1,5	52	14,2	2,8	21,8
CA01COM-PG12S-**P-***	CA01COM-ME12S-**P-***	3/4-20UNEF-2A	19,4	PG9	M16 × 1,5	52	14,2	3,2	25,0
CA01COM-PG14S-**P-***	CA01COM-ME14S-**P-***	7/8-20UNEF-2A	22,5	PG11	M20 × 1,5	52	14,2	3,2	28,2
CA01COM-PG16S-**P-***	CA01COM-ME16S-**P-***	1-20UNEF-2A	25,7	PG13,5	M20 × 1,5	54	14,2	3,2	31,4
CA01COM-PG16-**P-***	CA01COM-ME16-**P-***	1-20UNEF-2A	25,7	PG13,5	M20 × 1,5	64	19,0	3,2	31,4
CA01COM-PG18-**P-***	CA01COM-ME18-**P-***	1-1/8-18UNEF-2A	28,9	PG13,5	M25 × 1,5	69	19,0	4,0	34,5
CA01COM-PG20-**P-***	CA01COM-ME20-**P-***	1-1/4-18UNEF-2A	32,1	PG16	M25 × 1,5	70	19,0	4,0	37,3
CA01COM-PG22-**P-***	CA01COM-ME22-**P-***	1-3/8-18UNEF-2A	35,2	PG16	M32 × 1,5	73	19,0	4,0	40,9
CA01COM-PG24-**P-***	CA01COM-ME24-**P-***	1-1/2-18UNEF-2A	38,4	PG16	M32 × 1,5	74	20,6	4,0	43,8
CA01COM-PG28-**P-***	CA01COM-ME28-**P-***	1-3/4-18UNEF-2A	44,8	PG21	M32 × 1,5	74	20,6	4,0	50,4
CA01COM-PG32-**P-***	CA01COM-ME32-**P-***	2-18UNS-2A	51,1	PG29	M40 × 1,5	76	22,2	4,0	56,8
CA01COM-PG36-**P-***	CA01COM-ME36-**P-***	2-1/4-16UN-2A	57,5	PG29	M40 × 1,5	87	22,2	4,0	63,1

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***Add modification code; see page 10 (bottom)

CA01COM-E-B with bayonet coupling

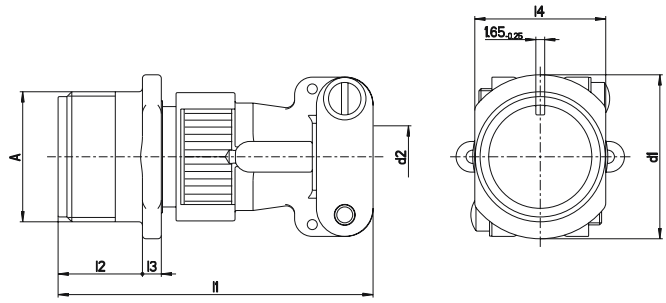
CA01COM-E-B is a cable connecting plug with endbell and cable clamp. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert)	d1 −0,15	d2 [1)]	d3 max	l1 max	l2 + 0,4	l3 ± 0,2	l4 ± 0,2
CA01COM-E10SL-**P-B-***	18,2	7,9	25,2	57	18,20	2,8	20,6
CA01COM-E12S-**P-B-***	21,4	7,9	27,8	57	18,20	3,2	23,8
CA01COM-E14S-**P-B-***	24,6	11,1	29,8	59	18,20	3,2	25,4
CA01COM-E16S-**P-B-***	27,4	14,2	32,3	60	18,20	3,2	28,6
CA01COM-E16-**P-B-***	27,4	14,2	32,3	68	23,05	3,2	28,6
CA01COM-E18-**P-B-***	30,8	15,8	34,8	72	23,05	4,0	31,7
CA01COM-E20-**P-B-***	34,2	19,0	37,8	72	23,05	4,0	34,9
CA01COM-E22-**P-B-***	37,4	19,0	41,1	72	23,05	4,0	38,1
CA01COM-E24-**P-B-***	40,9	23,7	44,6	78	23,05	4,0	41,3
CA01COM-E28-**P-B-***	46,7	23,7	50,9	79	24,05	4,0	47,6
CA01COM-E32-**P-B-***	53,4	31,8	57,1	78	24,05	4,0	54,0
CA01COM-E36-**P-B-***	59,6	34,6	63,6	78	24,05	4,0	60,6

CA01COM-E with threaded coupling

CA01COM-E is a cable connecting plug with endbell and cable clamp. It mates with plugs CA06COM and CA08COM

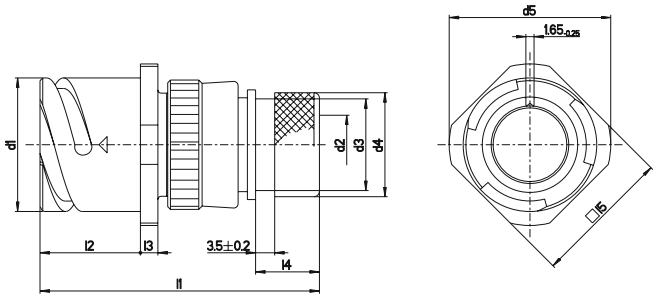


Part No. (pin insert)	A Thread	d1 max	d2 [1)]	l1 max	l2 + 0,4	l3 ± 0,3	l4 max
CA01COM-E10SL-**P-***	5/8-24UNEF-2A	21,8	7,9	53	14,2	2,8	16,2
CA01COM-E12S-**P-***	3/4-20UNEF-2A	25,0	7,9	53	14,2	3,2	19,4
CA01COM-E14S-**P-***	7/8-20UNEF-2A	28,2	11,1	55	14,2	3,2	22,5
CA01COM-E16S-**P-***	1-20UNEF-2A	31,4	14,2	56	14,2	3,2	25,7
CA01COM-E16-**P-***	1-20UNEF-2A	31,4	14,2	66	19,0	3,2	25,7
CA01COM-E18-**P-***	1-1/8-18UNEF-2A	34,5	15,8	68	19,0	4,0	28,9
CA01COM-E20-**P-***	1-1/4-18UNEF-2A	37,3	19,0	68	19,0	4,0	32,1
CA01COM-E22-**P-***	1-3/8-18UNEF-2A	40,9	19,0	68	19,0	4,0	35,2
CA01COM-E24-**P-***	1-1/2-18UNEF-2A	43,8	23,7	76	20,6	4,0	38,4
CA01COM-E28-**P-***	1-3/4-18UNEF-2A	50,4	23,7	76	20,6	4,0	44,8
CA01COM-E32-**P-***	2-18UNS-2A	56,8	31,8	76	22,2	4,0	51,1
CA01COM-E36-**P-***	2-1/4-16UN-2A	63,1	34,6	76	22,2	4,0	57,5

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***Add modification code; see page 10 (bottom) [1)]max cable dia

CA01COM-E-B/-03/-06 with bayonet coupling

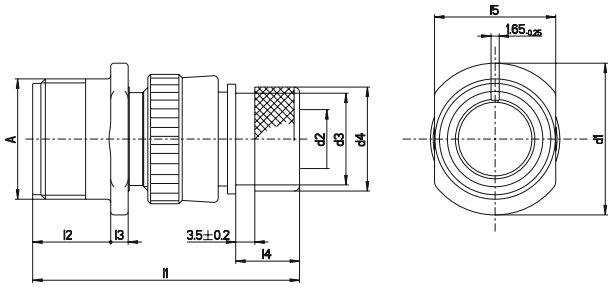
CA01COM-E-B/-03/-06 is a cable connecting plug with endbell (wire sealing) for heat shrink boots. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1 −0,15	d2[1)] max	d3 max	d4 ± 0,2	d5 max	l1 max	l2 + 0,4	l3 ± 0,3	l4 ± 0,5	l5 ± 0,2
CA01COM-E10SL-**P-B-***	18,2	7,7	13,3	15,5	25,2	53	18,20	2,8	11,7	20,6
CA01COM-E12S-**P-B-***	21,4	7,9	13,3	15,5	27,8	53	18,20	3,2	11,7	23,8
CA01COM-E14S-**P-B-***	24,6	10,6	17,0	19,1	29,8	53	18,20	3,2	11,7	25,4
CA01COM-E16S-**P-B-***	27,4	13,5	21,9	23,9	32,3	53	18,20	3,2	11,7	28,6
CA01COM-E16-**P-B-***	27,4	13,5	21,9	23,9	32,3	61	23,05	3,2	11,5	28,6
CA01COM-E18-**P-B-***	30,8	14,6	21,9	23,9	34,8	62	23,05	4,0	11,5	31,7
CA01COM-E20-**P-B-***	34,2	18,7	26,2	29,6	37,8	64	23,05	4,0	12,7	34,9
CA01COM-E22-**P-B-***	37,4	20,8	26,2	29,6	41,1	64	23,05	4,0	12,7	38,1
CA01COM-E24-**P-B-***	40,9	24,6	34,5	37,8	44,6	64	23,05	4,0	12,7	41,3
CA01COM-E28-**P-B-***	46,7	27,0	34,5	37,8	50,9	66	24,05	4,0	12,7	47,6
CA01COM-E32-**P-B-***	53,4	33,3	43,6	47,8	57,1	69	24,05	4,0	15,2	54,0
CA01COM-E36-**P-B-***	59,6	38,5	43,6	47,8	63,6	70	24,05	4,0	15,2	60,6

CA01COM-E-DN with threaded coupling

CA01COM-E-DN is a cable connecting plug with endbell (wire sealing) for heat shrink boots. It mates with plugs CA06COM and CA08COM

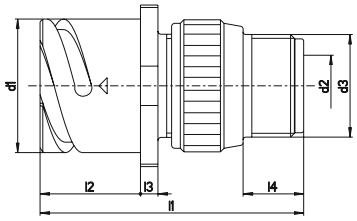


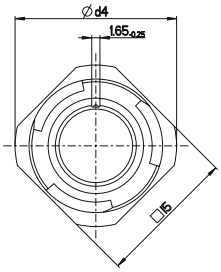
Part No. (pin insert*)	A Thread	d1 max	d2[1)] max	d3 ± 0,5	d4 ± 0,2	l1 max	l2 ± 0,3	l3 ± 0,3	l4 max	l5 ± 0,2
CA01COM-E10SL-**P-DN	5/8-24UNEF-2A	21,8	7,7	15,5	15,5	49,0	14,2	2,8	11,7	16,2
CA01COM-E12S-**P-DN	3/4-20UNEF-2A	25,0	7,9	15,5	15,5	49,0	14,2	3,2	11,7	19,4
CA01COM-E14S-**P-DN	7/8-20UNEF-2A	28,2	10,6	19,1	19,1	49,0	14,2	3,2	11,7	22,5
CA01COM-E16S-**P-DN	1-20UNEF-2A	31,4	13,5	23,9	23,9	49,0	14,1	3,2	11,7	25,7
CA01COM-E16-**P-DN	1-20UNEF-2A	31,4	13,5	23,9	23,9	58,0	19,0	3,2	11,5	25,7
CA01COM-E18-**P-DN	1-1/8-18UNEF-2A	34,5	14,6	23,9	23,9	58,0	19,0	4,0	11,5	28,9
CA01COM-E20-**P-DN	1-1/4-18UNEF-2A	37,3	18,7	29,6	29,6	60,0	19,0	4,0	12,7	32,1
CA01COM-E22-**P-DN	1-3/8-18UNEF-2A	40,9	20,8	29,6	29,6	60,0	19,0	4,0	12,7	35,2
CA01COM-E24-**P-DN	1-1/2-18UNEF-2A	43,8	24,6	37,8	37,8	63,0	20,6	4,0	12,7	38,4
CA01COM-E28-**P-DN	1-3/4-18UNEF-2A	50,4	27,0	37,8	37,8	63,0	20,6	4,0	12,7	44,8
CA01COM-E32-**P-DN	2-18UNS-2A	56,8	33,3	47,8	47,8	67,0	22,2	4,0	15,2	51,1
CA01COM-E36-**P-DN	2-1/4-16UN-2A	63,1	38,5	47,8	47,8	68,0	22,2	4,0	15,2	57,5

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 *** -03: with metric crimp contacts / -06: with solder pot contacts [1)]max cable dia

CA01COM-F-B with bayonet coupling

CA01COM-F-B is a cable connecting plug for flex tube. It mates with plugs CA06COM-B and CA08COM-B

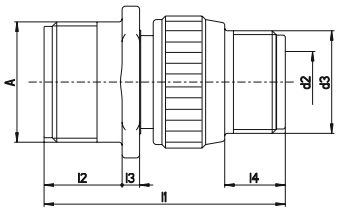


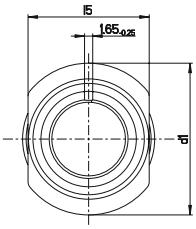


Part No. (pin insert*)	d1 −0,15	d2[1)]	d3 Thread	d4 max	l1 max	l2 + 0,4	l3 ± 0,2	l4 min	l5 ± 0,2
CA01COM-F10SL-**P-B-***	18,2	8,2	5/8-24UNEF-2A	25,2	50	18,20	2,8	9,5	20,6
CA01COM-F12S-**P-B-***	18,2	8,2	5/8-20UNEF-2A	27,8	50	18,20	3,2	9,5	23,8
CA01COM-F14S-**P-B-***	24,6	11,1	3/4-20UNEF-2A	29,8	50	18,20	3,2	9,5	25,4
CA01COM-F16S-**P-B-***	27,4	14,3	7/8-20UNEF-2A	32,3	50	18,20	3,2	9,5	28,6
CA01COM-F16-**P-B-***	27,4	14,3	7/8-20UNEF-2A	32,3	57	23,05	3,2	9,5	28,6
CA01COM-F18-**P-B-***	30,8	16,7	1-20UNEF-2A	34,8	59	23,05	4,0	9,5	31,7
CA01COM-F20-**P-B-***	34,2	19,8	1-3/16-18UNEF-2A	37,8	59	23,05	4,0	9,5	34,9
CA01COM-F22-**P-B-***	37,4	19,8	1-3/16-18UNEF-2A	41,1	62	23,05	4,0	9,5	38,1
CA01COM-F24-**P-B-***	40,9	25,4	1-7/16-18UNEF-2A	44,6	62	23,05	4,0	9,5	41,3
CA01COM-F28-**P-B-***	46,7	27,0	1-7/16-18UNEF-2A	50,9	64	24,05	4,0	9,5	47,6
CA01COM-F32-**P-B-***	53,4	32,5	1-3/4-18UNS-2A	57,1	64	24,05	4,0	11,0	54,0
CA01COM-F36-**P-B-***	59,6	35,7	2-18UNS-2A	63,6	66	24,05	4,0	11,8	60,6

CA01COM-F with threaded coupling

CA01COM-F is a cable connecting plug for flex tube. It mates with plugs CA06COM and CA08COM





Part No. (pin insert*)	A Thread	d1 max	d2[1)]	d3 Thread	l1 max	l2 + 0,4	l3 ± 0,3	l4 min	l5 ± 0,2
CA01COM-F10SL-**P-***	5/8-24UNEF-2A	21,8	8,2	5/8-24UNEF-2A	45	14,2	2,8	9,5	16,2
CA01COM-F12S-**P-***	3/4-20UNEF-2A	25,0	8,2	5/8-20UNEF-2A	45	14,2	3,2	9,5	19,4
CA01COM-F14S-**P-***	7/8-20UNEF-2A	28,2	11,1	3/4-20UNEF-2A	45	14,2	3,2	9,5	22,5
CA01COM-F16S-**P-***	1-20UNEF-2A	31,4	14,3	7/8-20UNEF-2A	45	14,2	3,2	9,5	25,7
CA01COM-F16-**P-***	1-20UNEF-2A	31,4	14,3	7/8-20UNEF-2A	54	14,2	3,2	9,5	25,7
CA01COM-F18-**P-***	1-1/8-18UNEF-2A	34,5	16,7	1-20UNEF-2A	54	19,0	4,0	9,5	28,9
CA01COM-F20-**P-***	1-1/4-18UNEF-2A	37,3	19,8	1-3/16-18UNEF-2A	55	19,0	4,0	9,5	32,1
CA01COM-F22-**P-***	1-3/8-18UNEF-2A	40,9	19,8	1-3/16-18UNEF-2A	58	20,6	4,0	9,5	35,2
CA01COM-F24-**P-***	1-1/2-18UNEF-2A	43,8	25,4	1-7/16-18UNEF-2A	59	20,6	4,0	9,5	38,4
CA01COM-F28-**P-***	1-3/4-18UNEF-2A	50,4	27,0	1-7/16-18UNEF-2A	60	20,6	4,0	9,5	44,8
CA01COM-F32-**P-***	2-18UNS-2A	56,8	32,5	1-3/4-18UNS-2A	62	22,2	4,0	11,0	51,1
CA01COM-F36-**P-***	2-1/4-16UN-2A	63,1	35,7	2-18UNS-2A	64	22,2	4,0	11,8	57,5

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***Add modification code; see page 10 (bottom) [1)]max cable dia